

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special						Test Date 12-19-72			
Company AMOCO PRODUCTION COMPANY				Connection None					
Pool Blanco				Formation Pictured Cliffs				Unit	
Completion Date 12-12-72		Total Depth 2510		Plug Back TD 2475		Elevation 5652' KB		Farm or Lease Name Lobato Gas Com "H"	
Csg. Size 4.500	Wt. 9.5	d 4.050	Set At 2492	Perforations: From 2264 To 2322		Well No. 1			
Tbg. Size 1.66 OD	Wt. 2.40	d 1.380	Set At 2310	Perforations: From Open To Ended		Unit L	Sec. 3	Twp. 29N	Rge. 9W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At --		County San Juan	
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F 60° Est.		Baro. Press. - P _a 12 PSIA Est.		State New Mexico	
L	H	Gg .65	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X XXXXXX Size Choke	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	7 Days					621		623		
1.	2"	.750				55		206	60°	3 Hr.
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		67	1.000	.9608	1.000	796
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2					Specific Gravity Separator Gas _____ XXXXXXXXXX
3					Specific Gravity Flowing Fluid _____ XXXXX
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5					Critical Temperature _____ °R _____ °R

P _c 635 P _c ² 403,225		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \mathbf{1.134}$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{1.113}$	
NO	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		218	47,524	35,5701	
2					
3					
4					
5					

Absolute Open Flow 886 Mcfd @ 15.025		Angle of Slope @ _____	Slope, n .85
Remarks: _____			
Conducted By: _____			
Approved By Commission:	Conducted By: J. F. Elledge	Calculated By: Calvin/Ellison	Checked By: J. Arnold Snell

<u>DEPTH</u>	<u>DEVIATION</u>
222 †	1/2°
900 †	1/2°
1341 †	3/4°
1911 †	1/2°
2510 †	3/4°

A F F I D A V I T

THIS IS TO CERTIFY that to the best of my knowledge the above tabulation details the deviation tests taken on AMOCO PRODUCTION COMPANY'S Lobato Gas Com "H" No. 1, located 1630' FSL and 1120' FWL, Section 3, T-29-N, R-9-W, San Juan County, New Mexico.

Signed J. Arnold Shell
Title Area Engineer

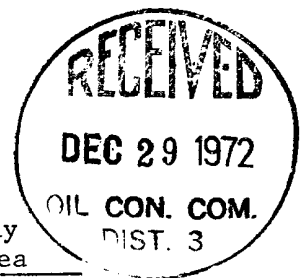
THE STATE OF NEW MEXICO)) SS.
COUNTY OF SAN JUAN)

BEFORE ME, the undersigned authority, on this day personally appeared J. Arnold Snell known to me to be Area Engineer for Amoco Production Company and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for said County and State this 27th day of December, 1972.

Eleonor T. Brown
Notary Public

My Commission Expires: December 28, 1975



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SANTA FE	1
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LAND OFFICE	
OPERATOR	1

Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

1a. TYPE OF WELL						7. Unit Agreement Name	
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> D. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>						8. Farm or Lease Name	
2. Name of Operator						9. Well No.	
ANOCO PRODUCTION COMPANY						10. Field and Pool, or Wildcat	
3. Address of Operator						11. State Oil & Gas Lease No.	
501 Airport Drive, Farmington, New Mexico 87401						12. County	
4. Location of Well						San Juan	
UNIT LETTER <u>L</u> LOCATED <u>1630</u> FEET FROM THE <u>South</u> LINE AND <u>1120</u> FEET FROM							
THE <u>West</u> LINE OF SEC. <u>3</u> TWP. <u>29N</u> RGE. <u>9W</u> NMPM							
15. Date Spudded		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)		18. Elevations (DF, RKB, RT, GR, etc.)	
11-20-72		11-24-72		12-19-72		5640' Gr., 5652' KB	
19. Elev. Casinghead		20. Total Depth		21. Plug Back T.D.		22. If Multiple Compl., How Many	
5641'		2510'		2475'		23. Intervals Drilled By	
						Rotary Tools	
						Surf.-TD	
24. Producing Interval(s), of this completion - Top, Bottom, Name						25. Was Directional Survey Made	
Pictured Cliffs 2261-2342'						No	
26. Type Electric and Other Logs Run						27. Was Well Cored	
Cased Hole Only: Gamma Ray-Neutron Log						No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE	
8-5/8"		23#		215'		12-1/4"	
4-1/2"		9.5#		2492'		6-3/4"	
29. LINER RECORD							
SIZE		TOP		BOTTOM		SACKS CEMENT	
30. TUBING RECORD							
SIZE		DEPTH SET		PACKER SET			
1-1/4"		2310'					
31. Perforation Record (Interval, size and number)							
2264-78, 2296-2306, 2312-22 w/1 SPF							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL				AMOUNT AND KIND MATERIAL USED			
2264-2322'				Acid. w/500 gal. 15% HCl. SWF w/			
				5,000# 20-40, 20,000# 10-20 &			
				7,500# 8-12 sn in 32,500 gal. trt.			
				wt. AIR 47 BPM. ATP 1600, ISIP			
33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
12-7-72		Flowing				Shut In	
Date of Test		Hours Tested		Choke Size		Prod'n. For Test Period	
12-19-72		3		.750			
Flow Tuzing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil - Bbl.	
55		206				796	
						Gas - MCF	
						Water - Bbl.	
						Oil Gravity - API (Corr.)	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
To be sold						J. F. Ellledge	
35. List of Attachments							
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.							
Original Signed by							
J. ARNOLD SNELL							
SIGNED				TITLE		DATE	
				Area Engineer		December 22, 1972	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
2260'	2322'	62'	Pictured Cliffs				

